

Val Ser Thr Pro Val Ala Pro Thr Gln
1 5

FIG. 2a

Thr Thr Gln Ala Thr Thr Pro Ala Pro Lys Val Ala
1 5 10

FIG. 2b

Leu Ala Ile Lys Gln Thr Ala Asn Thr Ala Thr
1 5 10

FIG. 2c

Gln Gln Gln Thr Ala Pro Lys Ala Pro Thr Glu
1 5 10

FIG. 2d

Ser Thr Pro Val Ala Pro Thr Gln Glu Val Lys Lys
1 5 10

FIG. 2e

Pro Val Ala Pro Thr Gln Glu Val Lys Lys
1 5 10

FIG. 2f

Gln Val Asn Asn Glu Val Ala Ala Glu Lys Thr Glu Lys
1 5 10

FIG. 2g

Glu Val Lys Gln Thr Thr Gln Ala Thr Thr Pro Ala
1 5 10

FIG. 2h

Ala Ile Lys Gln Thr Ala Asn Thr Ala Thr Pro Lys
1 5 10

FIG. 2i

Met	Asn	Met	Lys	Lys	Ala	Thr	Ile	Ala	Ala	Thr	Ala	Gly	Ile	Ala	Val	1	5	10	15
Thr	Ala	Phe	Ala	Ala	Pro	Thr	Ile	Ala	Ser	Ala	Ser	Thr	Val	Val	Val	20	25	30	
Glu	Ala	Gly	Asp	Thr	Leu	Trp	Gly	Ile	Ala	Gln	Ser	Lys	Gly	Thr	Thr	35	40	45	
Val	Asp	Ala	Ile	Lys	Lys	Ala	Asn	Asn	Leu	Thr	Thr	Asp	Lys	Ile	Val	50	55	60	
Pro	Gly	Gln	Lys	Leu	Gln	Val	Asn	Asn	Glu	Val	Ala	Ala	Ala	Glu	Lys	65	70	75	80
Thr	Glu	Lys	Ser	Val	Ser	Ala	Thr	Trp	Leu	Asn	Val	Arg	Thr	Gly	Ala	85	90	95	
Gly	Val	Asp	Asn	Ser	Ile	Ile	Thr	Ser	Ile	Lys	Gly	Gly	Thr	Lys	Val	100	105	110	
Thr	Val	Glu	Thr	Thr	Glu	Ser	Asn	Gly	Trp	His	Lys	Ile	Thr	Tyr	Asn	115	120	125	
Asp	Gly	Lys	Thr	Gly	Phe	Val	Asn	Gly	Lys	Tyr	Leu	Thr	Asp	Lys	Ala	130	135	140	
Val	Ser	Thr	Pro	Val	Ala	Pro	Thr	Gln	Glu	Val	Lys	Lys	Glu	Thr	Thr	145	150	155	160
Thr	Gln	Gln	Ala	Ala	Pro	Val	Ala	Glu	Thr	Lys	Thr	Glu	Val	Lys	Gln	165	170	175	
Thr	Thr	Gln	Ala	Thr	Thr	Pro	Ala	Pro	Lys	Val	Ala	Glu	Thr	Lys	Glu	180	185	190	
Thr	Pro	Val	Ile	Asp	Gln	Asn	Ala	Thr	Thr	His	Ala	Val	Lys	Ser	Gly	195	200	205	
Asp	Thr	Ile	Trp	Ala	Leu	Ser	Val	Lys	Tyr	Gly	Val	Ser	Val	Gln	Asp	210	215	220	
Ile	Met	Ser	Trp	Asn	Asn	Leu	Ser	Ser	Ser	Ser	Ile	Tyr	Val	Gly	Gln	225	230	235	240
Lys	Leu	Ala	Ile	Lys	Gln	Thr	Ala	Asn	Thr	Ala	Thr	Pro	Lys	Ala	Glu	245	250	255	

FIG. 4a

Val Lys Thr Glu Ala Pro Ala Ala Glu Lys Gln Ala Ala Pro Val Val
 260 265 270

Lys Glu Asn Thr Asn Thr Asn Thr Ala Thr Thr Glu Lys Lys Glu Thr
 275 280 285

Ala Thr Gln Gln Gln Thr Ala Pro Lys Ala Pro Thr Glu Ala Ala Lys
 290 295 300

Pro Ala Pro Ala Pro Ser Thr Asn Thr Asn Ala Asn Lys Thr Asn Thr
 305 310 315 320

Asn Thr Asn Thr Asn Asn Thr Asn Thr Pro Ser Lys Asn Thr Asn Thr
 325 330 335

Asn Ser Asn Thr Asn Thr Asn Thr Asn Ser Asn Thr Asn Ala Asn Gln
 340 345 350

Gly Ser Ser Asn Asn Asn Ser Asn Ser Ser Ala Ser Ala Ile Ile Ala
 355 360 365

Glu Ala Gln Lys His Leu Gly Lys Ala Tyr Ser Trp Gly Gly Asn Gly
 370 375 380

Pro Thr Thr Phe Asp Cys Ser Gly Tyr Thr Lys Tyr Val Phe Ala Lys
 385 390 395 400

Ala Gly Ile Ser Leu Pro Arg Thr Ser Gly Ala Gln Tyr Ala Ser Thr
 405 410 415

Thr Arg Ile Ser Glu Ser Gln Ala Lys Pro Gly Asp Leu Val Phe Phe
 420 425 430

Asp Tyr Gly Ser Gly Ile Ser His Val Gly Ile Tyr Val Gly Asn Gly
 435 440 445

Gln Met Ile Asn Ala Gln Asp Asn Gly Val Lys Tyr Asp Asn Ile His
 450 455 460

Gly Ser Gly Trp Gly Lys Tyr Leu Val Gly Phe Gly Arg Val
 465 470 475

FIG. 4b

Ser Thr Pro Val Val Lys Gln Glu Val Lys Lys
1 5 10

FIG. 5a

Glu Val Lys Gln Pro Thr Thr Gln Gln Thr Ala Pro Ala
1 5 10

FIG. 5b

Ala Ile Lys Gln Pro Thr Lys Thr Val Ala Pro Lys
1 5 10

FIG. 5c

Glu Gln Gln Thr Thr Thr Lys Ala Pro Thr Gln
1 5 10

FIG. 5d

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